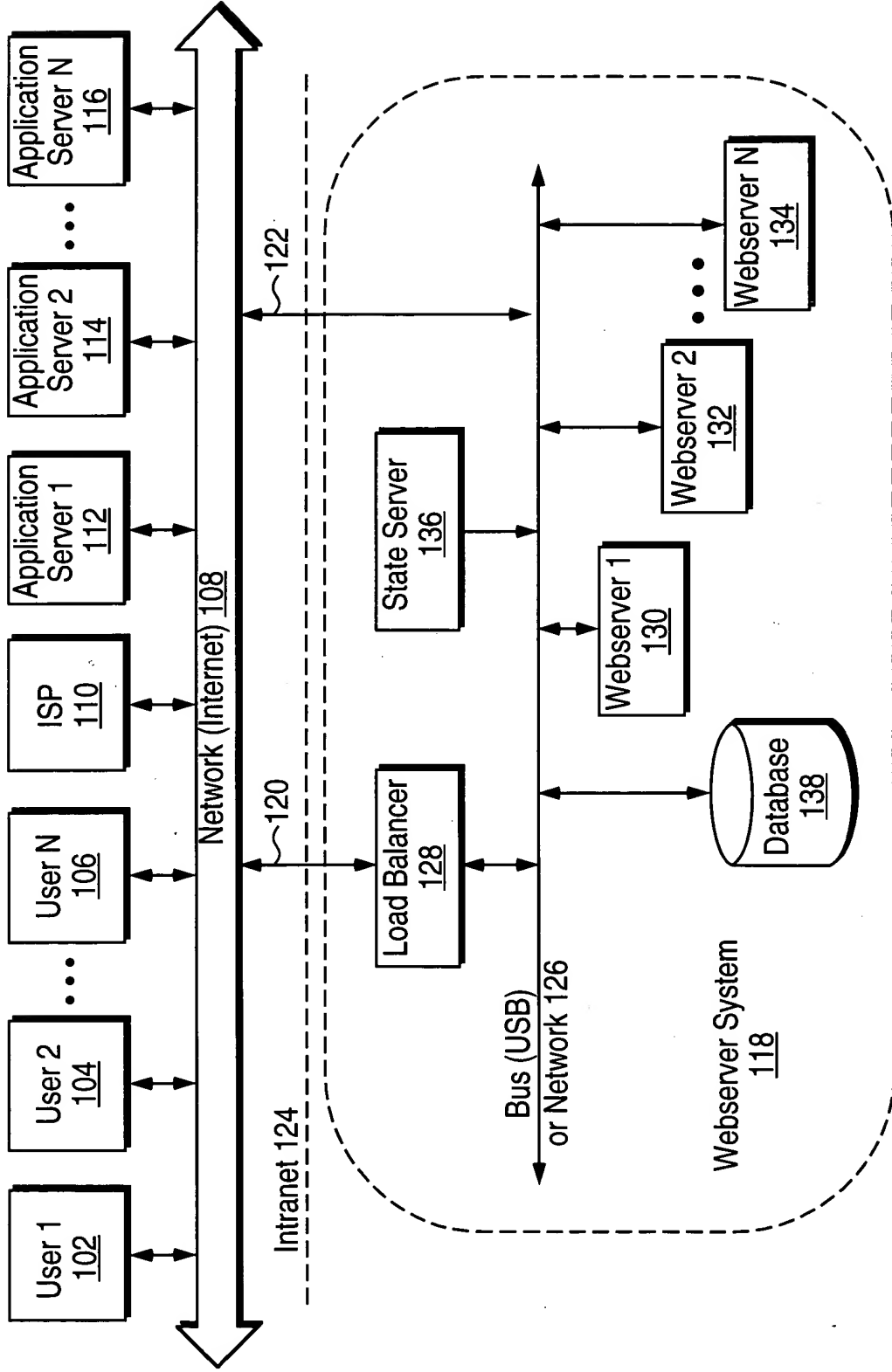
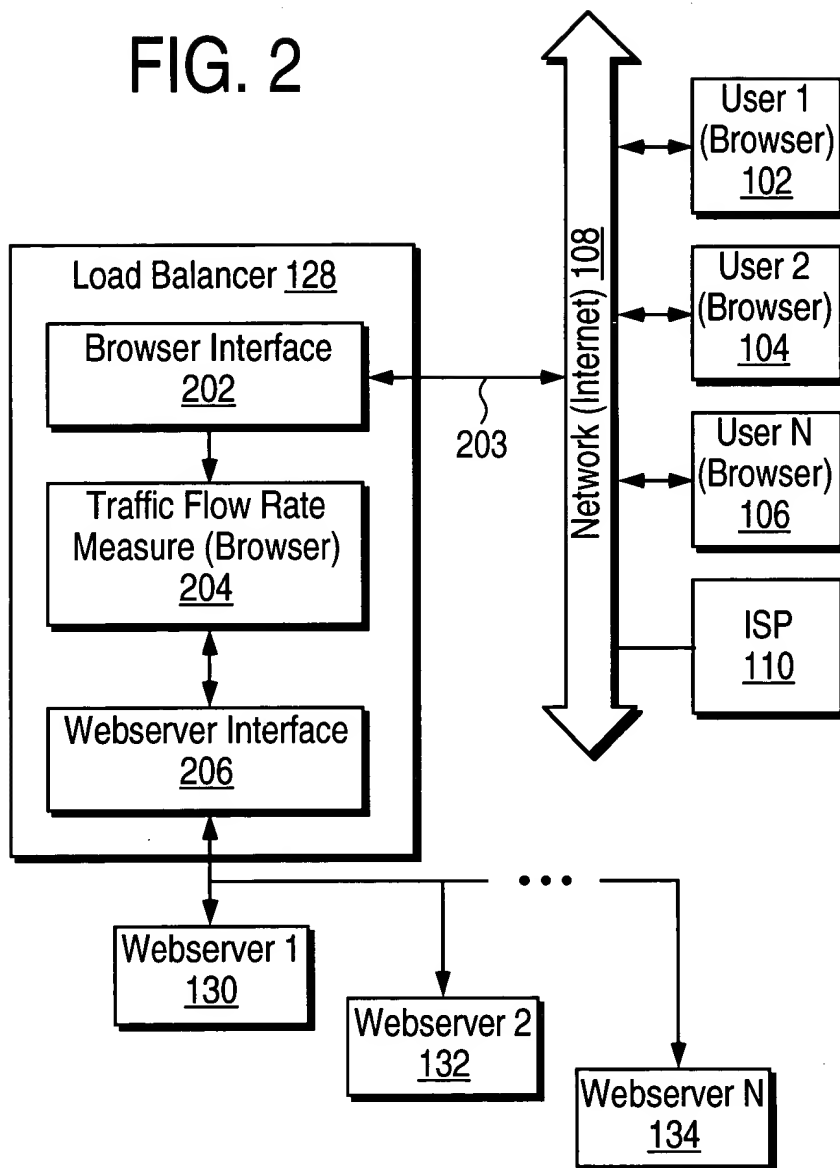


FIG. 1





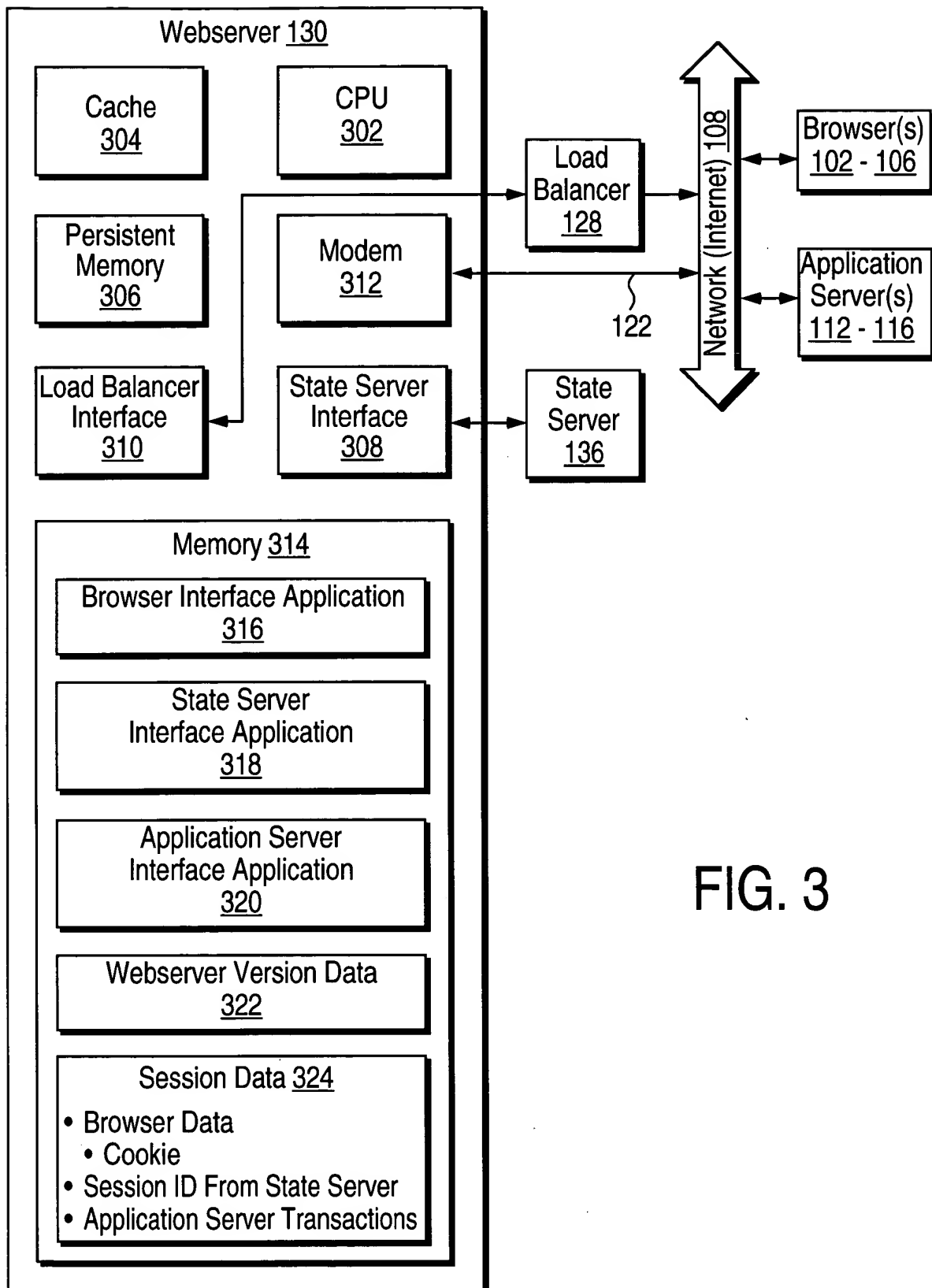


FIG. 3

FIG. 4

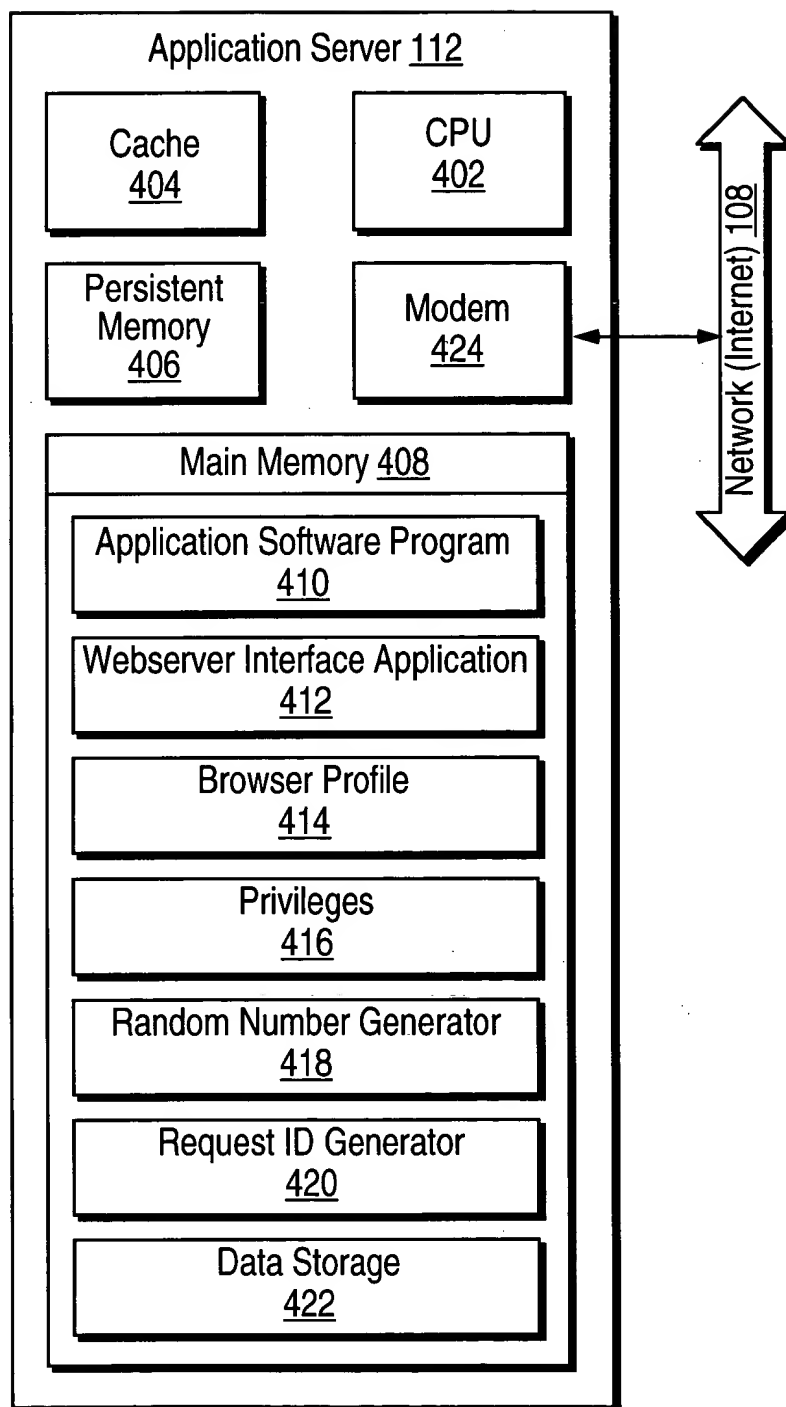
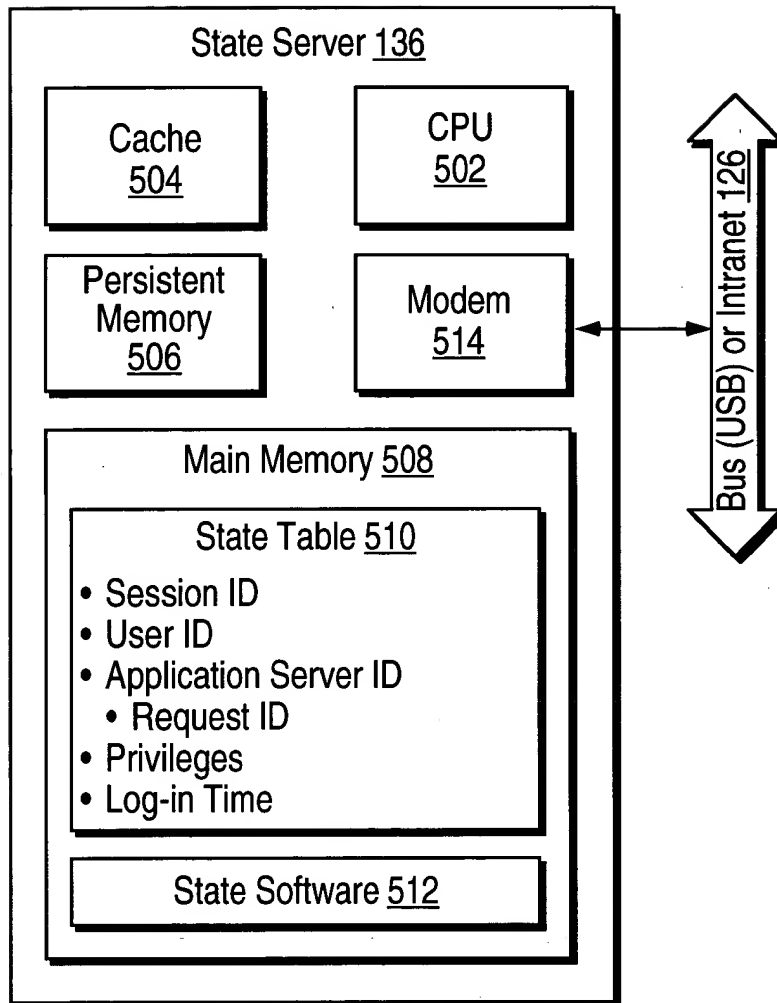


FIG. 5



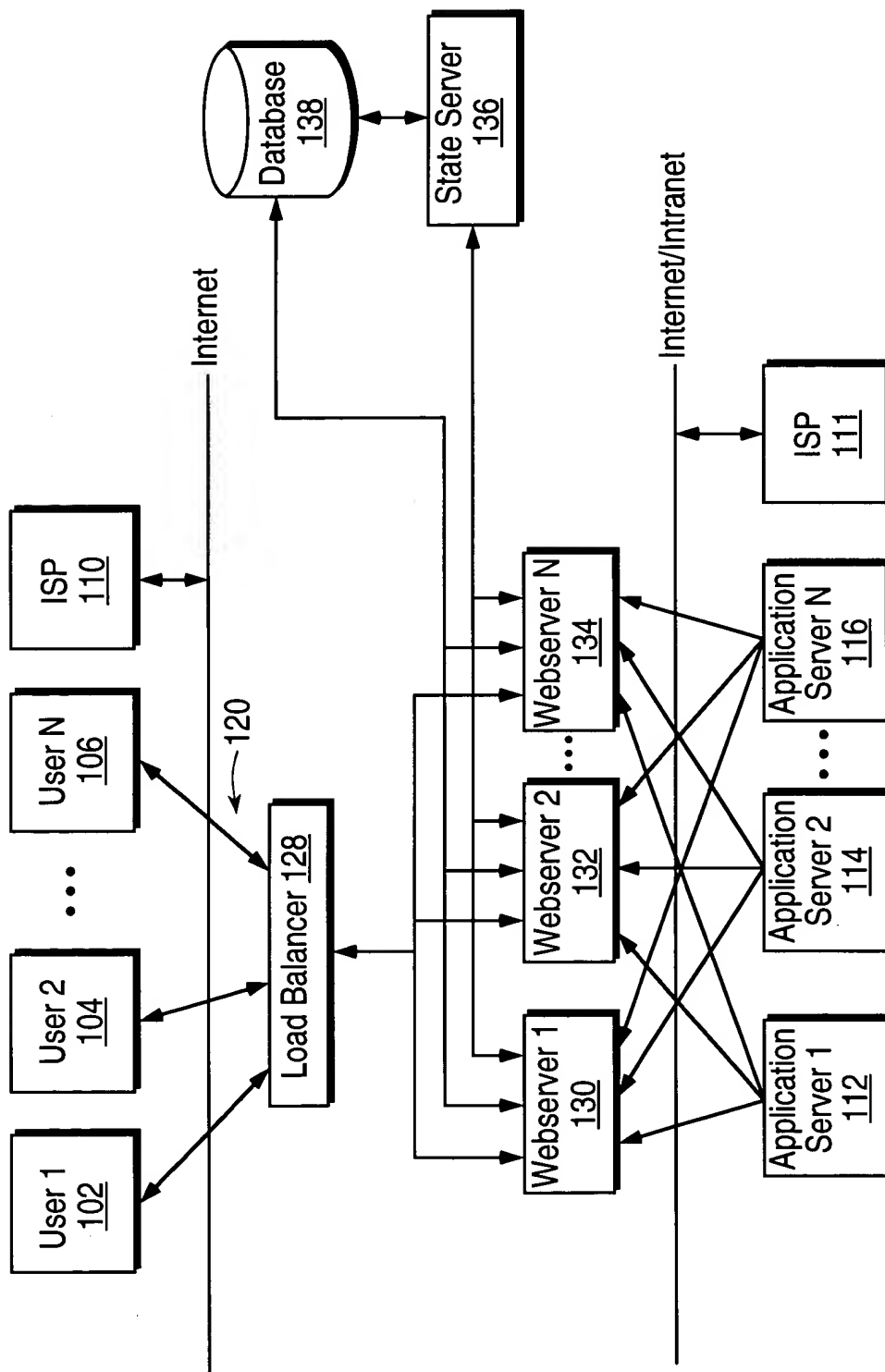


FIG. 6

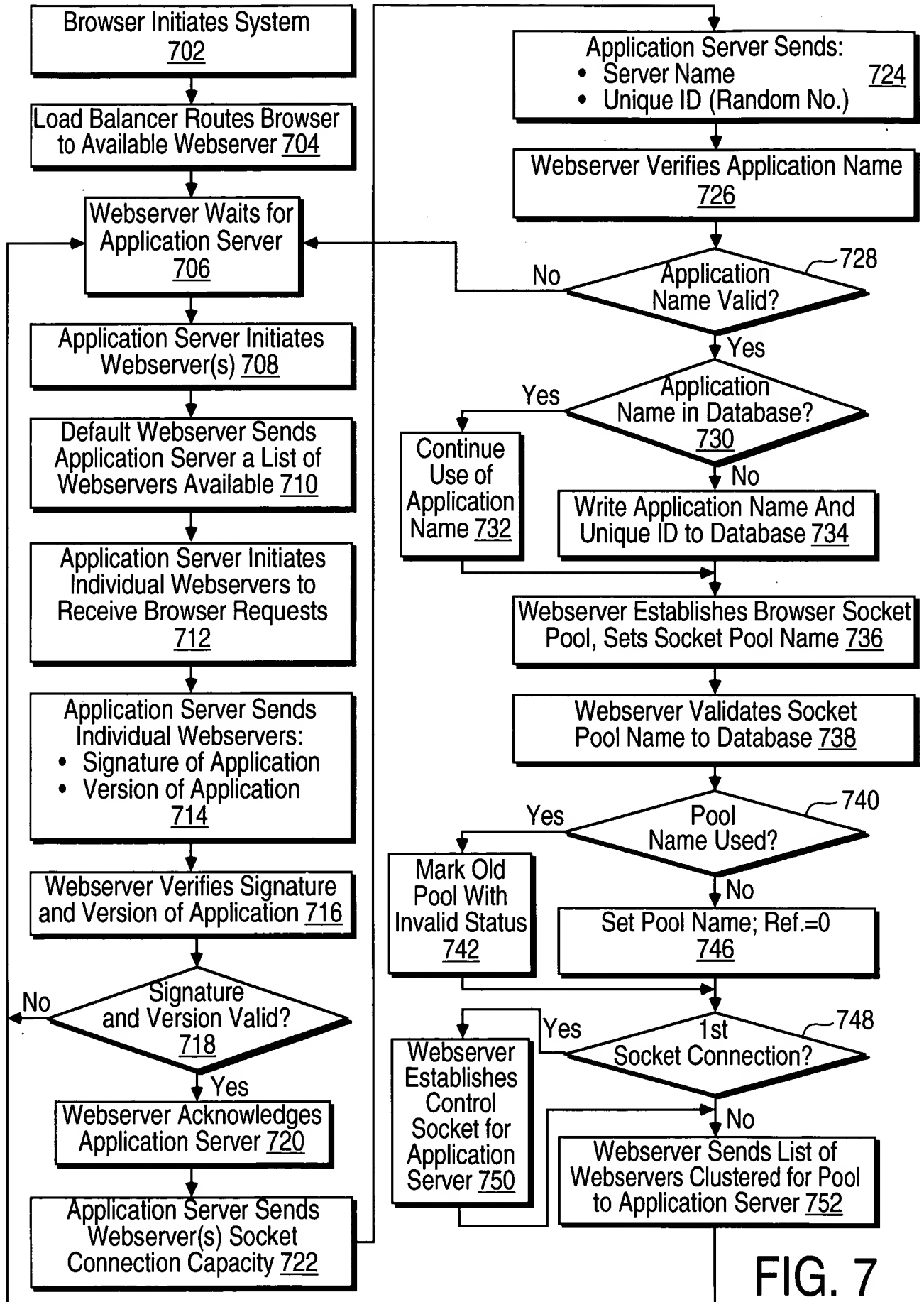


FIG. 7

```

Webserver Creates an
I/O Completion Port
804

```

Webserver Monitors  
Application Servers  
806

Receive  
Heart Beat From  
Application Server?  
808

Yes

Receive Termination From Application Server?

**Yes**

```
graph TD; Start(( )) --> 806[Webserver Monitors Application Servers 806]; 806 --> 808{Receive Heart Beat From Application Server? 808}; 808 -- Yes --> 810[Update Time Stamp for Pool 810]; 810 --> 812{Receive Termination From Application Server? 812}; 812 -- Yes --> 814[Mark Pool Status as Invalid 814]; 814 --> 806; 812 -- No --> 808;
```

No

FIG. 8



```

graph TD
    Start(( )) --> 902[Webserver Monitors  
Pool Status for Each  
Application Server  
902]
    902 --> 904{Time  
Period Lapsed?  
904}
    904 -- No --> 902
    904 -- Yes --> 906[Check Status  
of Socket Pool  
906]
    906 --> 908{Status  
Invalid and Counter=0  
for >60 seconds?  
908}
    908 -- Yes --> 910[Terminate Pool  
910]
    910 --> 912([End 912])
    908 -- No --> 914{Status  
Invalid for >1500  
Seconds?  
914}
    914 -- Yes --> 916[Terminate Pool  
916]
    916 --> 918([End 918])
    914 -- No --> 902
  
```

**FIG. 9**

FIG. 9

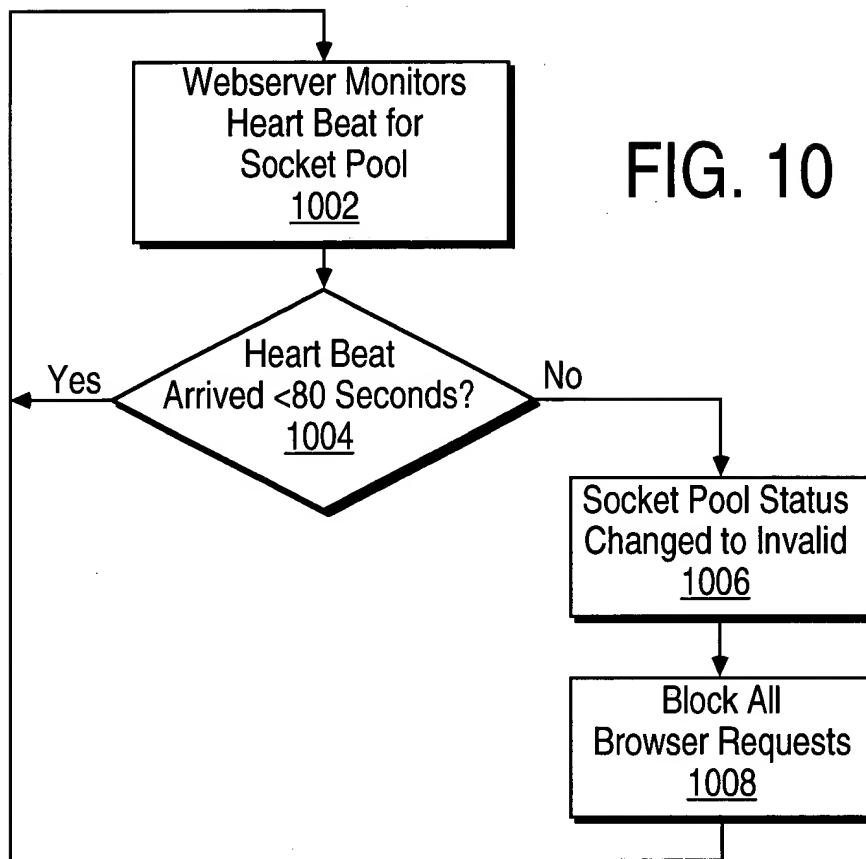
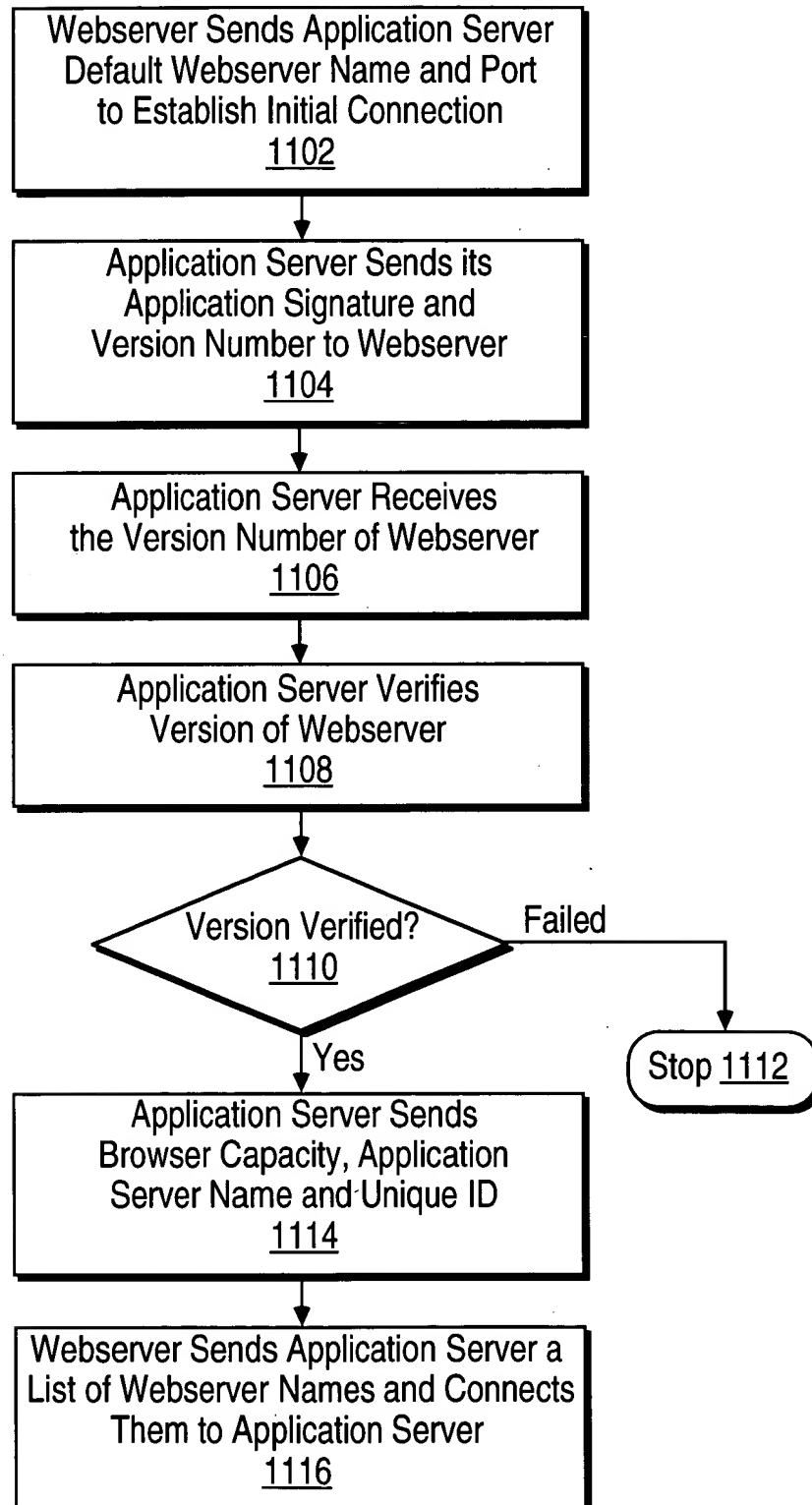


FIG. 11



0027-0255260

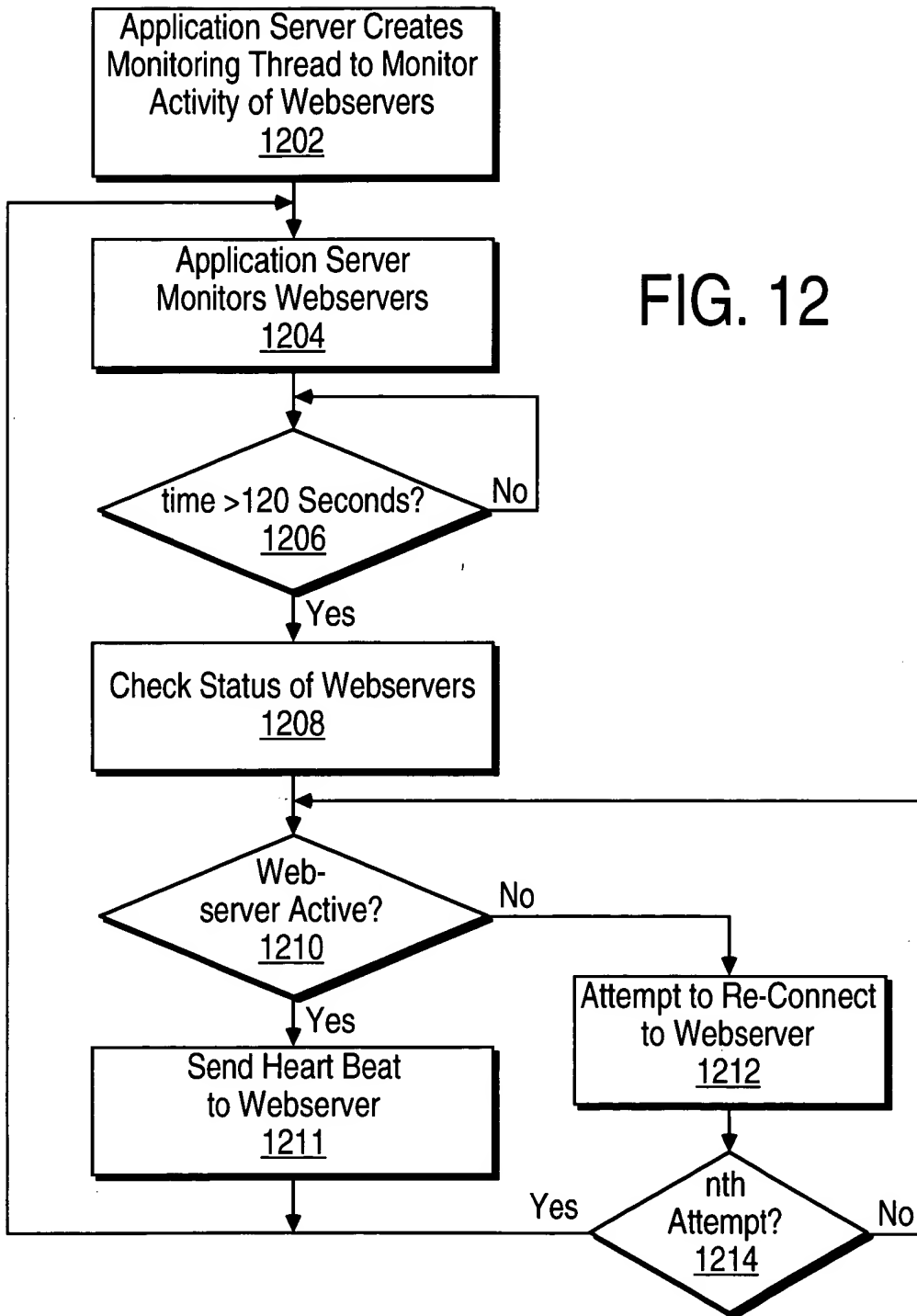


FIG. 12

## Webserver Receives Browser Request For Application Server

Webserver Creates  
Thread to State Server  
1304

State Server Monitors  
Webserver Dedicated to  
Browser For Application Server  
1306

Time > 120 Seconds? No  
1308

### Check Status of Webserver Serving Browser 1310

```

graph TD
    Start([Start]) --> Open[Open Web Browser]
    Open --> Enter[Enter IP Address]
    Enter --> Active{Webserver Active?}
    Active -- Yes --> Close[Close Web Browser]
    Active -- No --> Enter
    Close --> End([End])

```

## Update State Server Browser File by Webserver 1314

Attempt to Re-Connect  
Browser to Webserver  
1316

nth Attempt?  
1318

## Application Server Re-Connects to New Webserver 1320

New Webserver Down-  
Loads Browser Information  
From State Machine  
1322

FIG. 13